

PTO/SB/08A (02-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 4

Complete if Known

Application Number	10/729,094
Filing Date	December 3, 2003
First Named Inventor	Floyd Randolph Simonds et al.
Art Unit	3672
Examiner Name	Unassigned
Attorney Docket Number	1301-1165

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JFB		US- 1,514,062	11-04-1924	McLain	
		US- 1,981,525	11-20-1934	Price	
		US- 2,135,909	11-08-1938	Monson	
		US- 2,187,895	01-23-1940	Sanders	
		US- 2,190,989	02-20-1940	Johnston	
		US- 2,193,808	03-19-1940	Dieterich	
		US- 2,288,557	06-30-1942	Vollmer	
		US- 3,044,547	07-17-1962	Jarboe	
		US- 3,119,448	01-28-1964	Rhoades	
		US- 3,179,168	04-20-1965	Vincent	
		US- 3,203,483	08-31-1965	Vincent	
		US- 3,270,817	09-06-1966	Papaila	
		US- 3,353,599	11-21-1967	Swift	
		US- 3,368,623	02-13-1968	Carter	
		US- 3,477,506	11-11-1969	Malone	
		US- 3,498,376	03-03-1970	Sizer et al.	
		US- 3,605,899	09-20-1971	Tate	
		US- 3,669,190	06-13-1972	Sizer et al.	
JFB		US- 3,746,091	07-17-1973	Owen et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JFB		WO 96/37680	11-28-1996	Lohbeck		
		WO 97/17527	05-15-1997	Campbell		
		WO 98/49423	11-05-1998	Donnelly		
		WO 99/56000	11-04-1999	Lohbeck		
		WO 00/26500	05-11-2000	Lohbeck		
JFB		WO 00/26501	05-11-2000	Heunen		

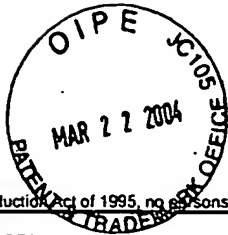
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		Number-Kind Code ² (if known)			
JRS		US- 3,776,307	12-04-1973	Young	
		US- 3,806,151	06-11-1974	Podlas	
		US- 3,862,663	01-28-1975	Curtice	
		US- 4,095,825	06-20-1978	Butler	
		US- 4,483,399	11-20-1984	Colgate	
		US- 4,687,232	08-18-1987	Zimmerman	
		US- 4,750,571	06-14-1988	Geeting	
		US- 4,842,081	06-27-1989	Parant	
		US- 5,014,779	05-14-1991	Meling et al.	
		US- 5,050,690	09-24-1991	Smith	
		US- 5,058,676	10-22-1991	Fitzpatrick et al.	
		US- 5,062,484	11-05-1991	Schroeder	
		US- 5,197,553	03-30-1993	Leturno	
		US- 5,339,902	08-23-1994	Harris	
		US- 5,363,916	11-15-1994	Himes	
		US- 5,372,200	12-13-1994	Merrill, Jr.	
		US- 5,452,967	09-26-1995	Fuller	
		US- 5,468,153	11-21-1995	Brown et al.	
JRS		US- 5,529,123	06-25-1996	Carpenter	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
JRS		WO 00/26502	05-11-2000	Smalley et al.		
		GB 2 344 606	06-14-2000	Cook et al.		
		WO 00/37771	06-29-2000	Metcalfe et al.		
		WO 03/036025	05-01-2003	Eckerlin		

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